

Cost Analysis



Research Areas

- Source selection evaluation
- Cost estimating techniques
- Outsourcing and privatization
- Aviation industry
- Safeguarding tacit cost knowledge
- O and S costing
- Best value source selection

The cost analysis program is designed to support DoD and USAF cost analysts involved in weapon system acquisitions. Researchers have developed groundbreaking techniques for determining best-value source selections; thereby enabling decision makers to “dollarize” the strengths, weaknesses, and risks inherent in an offeror’s proposals. Student research has shown that Rayleigh analysis of established program funding profiles can predict future program cost and schedule overruns. With its focus on cost modeling and quantitative

techniques used in cost estimation and analysis, the cost analysis program obviously has applicability across a wide range of topics and is ideally suited for the interdisciplinary efforts of the department. To help model future base closure decisions, research has identified actual costs and benefits that will be valuable in determining which base closure candidates will best serve the DoD. Additional research efforts include cost comparisons of work performed by contract or the most efficient organization (MEO) during outsourcing decisions and the evaluation of environmental remediation technologies.



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Research Interests

- General aviation development
- Source selection
- Public-private competition
- Program management and evaluation techniques